



(Use as many sheets as necessary)

2

Application Number	10/588,114-Conf. #3863
Filing Date	August 1, 2007
First Named Inventor	Marc A. Ostermeier
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	62568(71699)

[illegible][illegible]

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

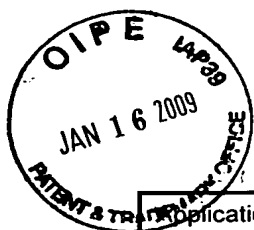
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/588,114-Conf. #3863
				Filing Date	August 1, 2007
				First Named Inventor	Marc A. Ostermeier
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	62568(71699)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	G.S. Baird et al., "Circular permutation and receptor insertion within green fluorescent proteins", <i>Proceedings of the National Academy of Sciences of USA</i> , Vol. 96, pgs. 11241-11246 (Sept. 1999).	
	CB	R. Graf et al., "Random circular permutation of genes and expressed polypeptide chains: Application of the method to the catalytic chains of aspartate transcarbamoylase", <i>Proceedings of the National Academy of Sciences of USA</i> , Vol. 93, pgs. 11591-11596 (Oct. 1996).	
	CC	C.A. McWherter et al., "Circular permutation of the granulocyte colony-stimulating factor receptor agonist domain of myelopietin", <i>Biochemistry</i> , Vol. 38, pgs. 4564-4571 (1999).	
	CD	JM. Betton et al., "Creating a bifunctional protein by insertion of β -lactamase into the maltodextrin-binding protein", <i>Nature Biotechnology</i> , Vol. 15, pgs. 1276-1279 (Nov. 1997).	
	CE	G. Guntas et al., "Creation of an allosteric enzyme by domain insertion", <i>Journal of Molecular Biology</i> , Vol. 336, pgs. 263-273 (2004).	
	CF	R.J. Kreltman et al., "Increased antitumor activity of a circularly permuted interleukin 4-toxin in mice with interleukin 4 receptor-bearing human carcinoma", <i>Cancer Research</i> , Vol. 55, pgs. 3357-3363 (Aug. 1995).	
	CG	J. Osuna et al., "Improving a circularly permuted TEM-1 β -lactamase by directed evolution", <i>Protein Engineering</i> , 15(6), pgs. 463-470 (2002).	
	CH	M. Ostermeier et al., "Evolution of protein function by domain swapping", <i>Advances in Protein Chemistry</i> , Vol. 55, pgs. 29-77 (Jan. 2000)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.



Application No. (if known): 10/588,114

Attorney Docket No.: 62568(71699)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EM258255075US in an envelope addressed to:

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on

1/16/2009
Date

Signature

Lynn Marcus

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 239-0100

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Supplemental Information Disclosure Statement (2 pages)
IDS (Citation) by Applicant (9 References) (2 pages)